

**AMENDMENTS TO THE CLAIMS**

Claim Amendments and Listing:

1. - 36 (Cancelled)

37. (Currently amended) An electronic device for outputting a signal configured according to at least one disease control parameter value of a patient, comprising:

(a) an electronic data recording device configured for receiving a prior disease control parameter value;

(b) a memory comprising one or more optimal disease control parameter values, self-care values of a patient, optimal self-care values, and one or more scaling factors;

(c) a microprocessor, in communication with said electronic data and said memory, programmed to calculate a further ~~disease control parameter~~ value, said further value being based on said self-care values, said disease control parameter values, and said scaling factors; and

(d) a display configured to display information according to said further value, thereby enabling the patient to select appropriate self care actions.

38. (Previously presented) The device of claim 37, further comprising a housing, wherein said memory and said microprocessor are housed within said housing, and further comprising an output port, said output port is integral with said housing, thereby providing a hand-held, readily transportable device.

39. (Previously presented) The device of claim 38, wherein said electronic data recording device is arranged within said housing.

40. - 50. (Canceled)

51. (Previously presented) The device of claim 37, wherein said processor is programmed to calculate a plurality of future blood glucose values representative of a corresponding plurality of expected blood glucose concentrations of the patient.

52. (Previously presented) The device of claim 37, further comprising an output port coupled to said processor for establishing a communication link between said device and a healthcare provider computer and for transmitting and receiving data therebetween.

53. (Previously presented) The device of claim 52, wherein said device further comprises a modem for establishing said communication link through a communication network.

54. (Previously presented) The device of claim 52, wherein said output port comprises an input/output port for establishing said communication link through a connection cord.

55. - 61. (Canceled)

62. (Previously presented) The device of claim 51, wherein said display is configured for displaying said future blood glucose values in graphical form.

63. - 66. (Canceled)

67. (Currently amended) The device of claim 37, wherein the electronic data recording device further comprises a measurement device for measuring the prior disease control parameter value, and wherein the measured disease control parameter value is stored in the memory.

68. (Previously presented) The device of claim 67, wherein the measuring device comprises a blood glucose meter.

69. -79. (Canceled).